SHARP

MX-7040N
MX-6240N

Digital Full Colour Multifunctional System

Exceptional Performance and Expandability meet diverse business needs

40th ANNIVERSARY SHARP DOCUMENT BUSINESS 1972 - 2012

100th ANNIVERSARY

In 2012, Sharp is celebrating the 100th anniversary of its founding and the 40th anniversary of its document systems business.

ENERGY STAR

OSA Sharp Open Systems Architecture

Copy | Network Print | Network Scan | Sharpdesk | Fax OPTION

A Productivity-Driven Solution for Your Diverse Document Demands

As Sharp's top-of-the-line full-colour MFD and a truly reliable performer, the MX-7040N/6240N brings unprecedented productivity, superb image quality, and intuitively easy operation to busy offices and central reprographic departments alike. For an added efficiency boost, the MX-7040N/6240N can be partnered with a wide selection of paper tray, finishing, and feature options in flexible document system configurations that cater precisely to user needs.

Saddle Stitch Finisher

Perfect for booklet making, this unit automatically staples, punches holes*, and folds. With the addition of the optional Trimming Module, the edges of saddle-stitched documents can be trimmed to a beautifully consistent finish. Three other optional finisher choices are available, depending on application and paper capacity.

* Requires separate Punch Module option.

Inserter

Thanks to two input trays that can handle different types of paper, the Inserter can add thick or coloured paper as covers, putting a high-grade, professional finish on documents.

Folding Unit

This unit performs five types of automated folding—z-fold, c-fold, accordion fold, double parallel fold, and bi-fold—for efficient production of direct mail and other items.

Curl Correction Unit

To ensure smooth paper travel, this unit's top and bottom rollers keep paper from warping.

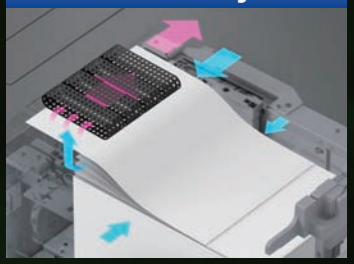
Productivity

An extensive range of finishing options gives productivity a boost.

High Quality

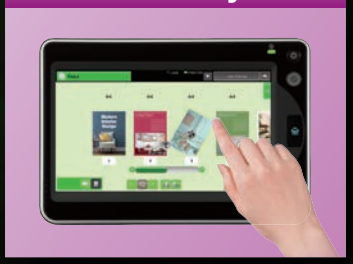
Outstanding imaging improvements deliver colour reproduction in crisp, sharp detail.

Reliability



Sturdy construction ensures reliable performance over the long run.

Usability



Intuitively easy touchscreen operation makes this MFD a breeze to operate.

Duplex Single Pass Feeder

This highly reliable document feeder scans both sides of two-sided originals in one pass, without the need for a reversing circuit. Large-volume documents can be scanned quickly and efficiently.

10.1-Inch Colour LCD Touchscreen

A user-friendly touchscreen interface enables intuitive MFD operation. Document finishes and page layout can be confirmed onscreen before printing out to prevent erroneous printouts and paper waste. Documents can be previewed in various modes to match the task at hand.

Multi-Bypass Tray

This unit can feed in up to 500 sheets.

Large-Capacity Trays

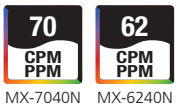
Adding this large-capacity two-drawer paper feed unit and the multi-bypass tray expands the standard 3,100-sheet paper capacity up to 8,500 sheets.

HIGH PRODUCTIVITY

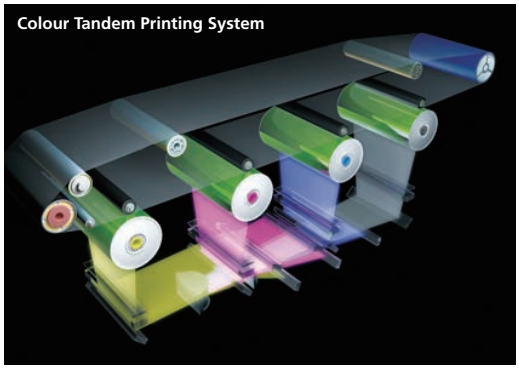
Super-Efficient Colour and B/W Output

The tandem printing engine with four in-line drums helps the MX-7040N/6240N deliver a fast output of **70/62 cpm/ppm*** in B/W and in full colour. The first copy comes out in just **3.7/4.0 seconds** in B/W and **5.1/5.6 seconds** in full colour to save valuable time when performing multiple short-run jobs.

* A4, long-edge feeding

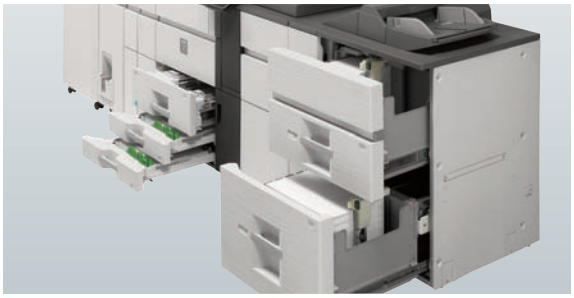


MX-7040N MX-6240N



Large Paper Capacity

For high-volume work, the MX-7040N/6240N can accommodate an optional 500-sheet multi-bypass tray and a 5,000-sheet (2,500 x 2) large-capacity tray for a total capacity of **8,500 sheets**. When a tray runs out of paper, the **Auto Tray Switching** function automatically switches to another paper tray filled with the same size paper, allowing you to do extra-large-volume jobs without worry.



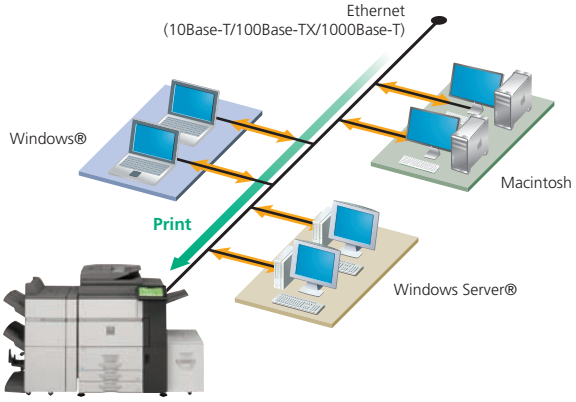
Speedy Document Feeding

The MX-7040N/6240N comes standard with a highly efficient **150-sheet DSPF** (duplex single pass feeder), which **scans both pages** of two-sided documents **up to A3** in size in one pass. Doing away with the reversing circuit minimises paper misfeeds and vastly improves reliability. With a scanning speed of **75 opm** (one-sided) or **150 opm*** (two-sided), the MX-7040N/6240N finishes even large projects quickly.

* Originals per minute. When feeding A4 sheets in B/W

Supports Most Office Environments

The MX-7040N/6240N works with the latest and most commonly used versions of Windows®, Windows Server®, and Mac operating systems and network protocols—including **IPv6**—even in mixed OS environments. You get fast, powerful network printing via the 1000Base-T **Gigabit Ethernet** standard.

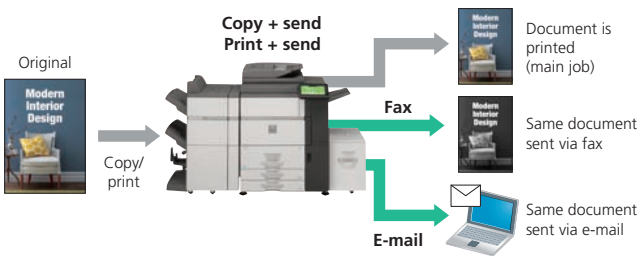


Intermediate Toner Hopper

Thanks to an intermediate toner hopper, there's no need to stop the MX-7040N/6240N during large-volume print jobs when the toner cartridge needs changing. Using toner from the toner hopper, the MX-7040N/6240N can continue printing while the empty toner cartridge is replaced with a new one.

Simultaneous Job Processing

The MX-7040N/6240N makes it easy to simultaneously carry out multiple jobs. Scanned documents can be copied and e-mailed at the same time. Documents can be simultaneously printed and faxed for ultra-convenient multitasking.



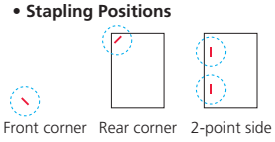
Automated Finishing Options

The MX-7040N/6240N automates time-consuming finishing tasks and makes it easy to create professional-looking direct mail, handouts, booklets, brochures, and more.

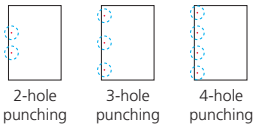
Stapling and Punching

With a maximum output capacity of 4,350 sheets, these handy finishers provide three stapling positions—front corner, rear corner, and two-point side—for up to 50 sheets (MX-FN19/FN20) or 100 sheets (MX-FN21/FN22) per set. Two-to-four-hole punching is available as an option.

• **Stapling Positions**



• **Punching Positions**

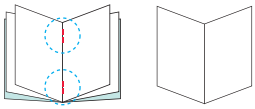


MX-FN21
100-Sheet Finisher

MX-FN19
50-Sheet Finisher

Saddle Stitching

In addition to conventional stapling, these saddle stitch finishers (MX-FN20/FN22) can staple and fold sets of documents—up to 15 sheets for MX-FN20 and up to 20 sheets for MX-FN22—to make professional-looking booklets.

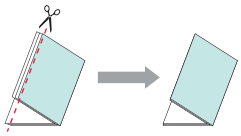


MX-FN22
100-Sheet Saddle Stitch Finisher

MX-FN20
50-Sheet Saddle Stitch Finisher

Trimming

To give the edges of saddle-stitched documents a beautifully consistent finish, the saddle stitch finishers can be equipped with this trimming module.

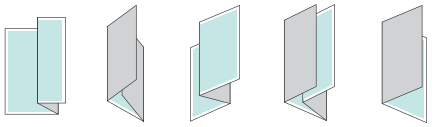


MX-TM10
Trimming Module
(for MX-FN22)

A Variety of Folds

This folding unit (MX-FD10) automates various types of folding, such as z-folding and c-folding, for efficient production of direct mail, brochures, and more.

• **Fold Variations**

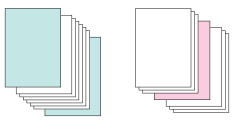


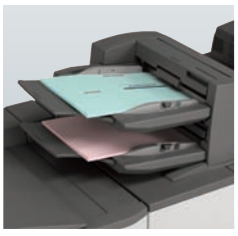
*1: For A3- and A4R-size paper
*2: For A4R-size paper
*3: For A4R-size paper (also for A3 paper with MX-FN20 option; for SRA3 and A3 paper with MX-FN22 option)

MX-FD10
Folding Unit

Insertion

For truly professional results, this inserter can add pre-printed covers or inserts up to 220 g/m² to documents before final finishing. Two input trays, each with a capacity of 200 sheets, make it possible to feed in two different types of paper.





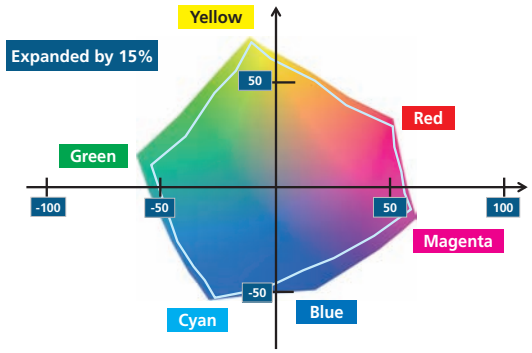
MX-CF11
Inserter

SUPERB IMAGE QUALITY

: Copy : Print : Scan

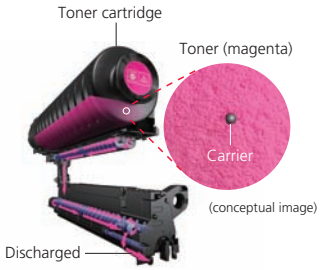
Improved Imaging System

Sharp thoroughly revamped its imaging process for the MX-7040N/6240N; now a high-performance processor, a new developer, and the **third-generation high-grade toner** combine to provide breathtaking image quality. The new toner expands the colour reproducibility range by 15% compared to conventional toners, for a more natural rendering of clear blue skies, emerald green oceans, and other colour images. The smaller particle size of the toner and the developer allows for reduced graininess and clear reproduction of fine lines, fine text, and halftone colours.



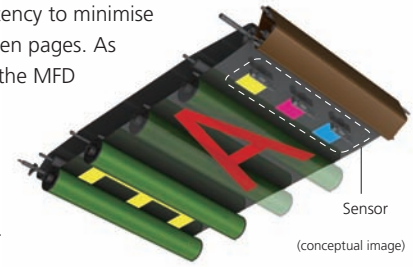
Developer Refresh System

By discharging old developer little by little and continuously replacing it with new developer, this system prevents developer deterioration, ensuring stable print quality over the long term.



Auto Process Control

To maintain a consistently high image quality during large-volume print jobs, the MX-7040N/6240N employs an enhanced periodic colour calibration system. Image density sensors monitor image consistency to minimise colour variance between pages. As an added advantage, the MFD makes the necessary colour adjustments without stopping the print job, ensuring time-efficient printing.

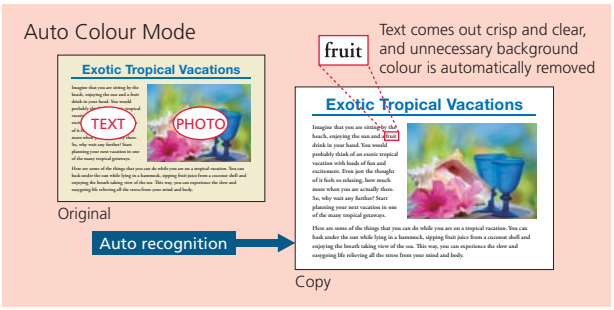


High-Resolution Output

The MX-7040N/6240N delivers 600-dpi copying and razor-sharp **1,200-dpi** printing—without sacrificing output speed. Digital smoothing technology enhances the print and copy resolution to the equivalent of **9,600 x 600 dpi** for smooth reproduction of fine lines. Fine-grained photographs, detailed illustrations and graphs, and small text come out crisp and clear.

Easy, High-Quality Copying

Built to deliver automated, high-quality copying, the MX-7040N/6240N can reproduce maps with crisp, clear text and can remove unnecessary background colour from newspaper and magazine copies. Here's how it works: **Auto Colour Mode** analyses the contents of each page to distinguish between different components, such as photos and text, and then selects the appropriate copy mode for that page. **Auto Colour Selection** automatically determines whether a page is colour or B/W and then copies that page accordingly. **Auto Exposure** automatically removes unnecessary background colour for clearer output.



Adobe® PostScript® 3™

The MX-7040N/6240N supports genuine Adobe PostScript 3 for better graphics handling.

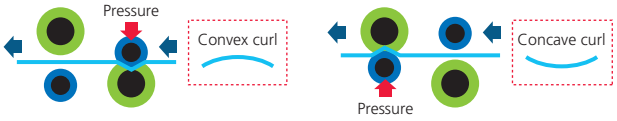
Enhanced Scan Performance

Enhanced scan performance improves the legibility of extremely fine text and allows natural colour reproduction in scanned documents. Even delicate human skin tones can be reproduced naturally, without excessive colouration.

RELIABILITY

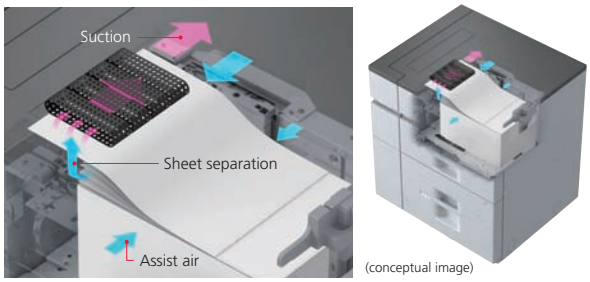
Curl Correction Unit

The optional Curl Correction Unit uses top and bottom rollers to smooth out sheets during paper travel. This keeps the paper from warping before it goes to the finisher and contributes to fast, stable paper feeding.



Air-Feed System

For smooth paper handling and travel, an air-feed system on the optional MX-LC13 two-drawer large-capacity tray minimises paper jams and the feeding of more than one sheet at a time.



(conceptual image)

Full Front Access

Particularly handy during toner cartridge replacement, an unlikely paper jam, and other operations, full front access to all key machine components ensures easy maintenance—and maximum uptime.

Mirroring Kit

To protect the enhanced data handling capability of the MFD's hard disk, the optional Mirroring Kit offers hard disk backup and peace of mind.

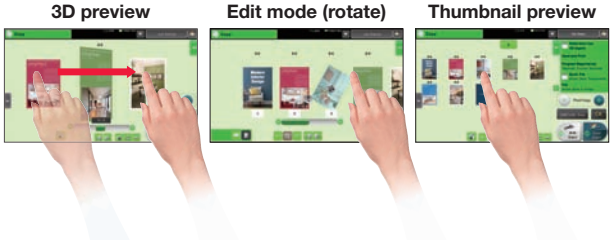
EASE OF USE

10.1-Inch Colour LCD Touchscreen

MFD operation has never been so intuitive, so easy! The MX-7040N/6240N's control panel features a wide, clear, WVGA-resolution LCD touchscreen. A simple tap, flick, or slide of a finger on the screen brings effortless control of every document, function, and setting. The Home screen can be **customised** for individual users, with six screen colours and various screen languages to choose from. Users can designate an image, like a photo of theirs, for the screen background. The names, images, and on-screen layout of icons can all be customised. User-specific **shortcut keys** can also be created for quick and easy access to MFD functions.

Advanced Preview

The Advanced Preview function saves you time and effort by displaying scanned images on the LCD for confirmation and editing. Document finishes, such as page layout and stapling, can be checked before the documents are printed out. Previewed pages can be easily rotated, put in a different order, and deleted via tap-and-drag editing right on the LCD. You can even erase specific parts of a previewed page and insert blank pages.



Universal Design

- **Easy-grip handles** allow the paper drawers to be grasped from the top as well as the bottom for easy opening and closing.
- The control panel can be **tilted** to five different angles for easy viewing.

Retractable Keyboard (option)

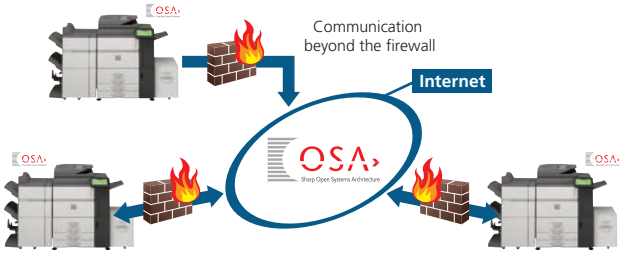
A **full-size retractable QWERTY keyboard** slides out from beneath the control panel to make text input fast and easy: convenient for typing things like e-mail addresses and messages, as well as passwords for user authentication.

EXPANDABILITY

Sharp OSA (Open Systems Architecture)

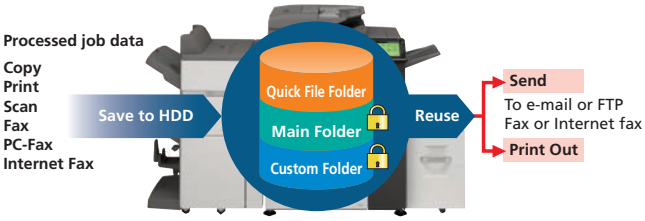
Innovative Sharp OSA* technology allows you to interact with critical business and network applications right from the LCD control panel, offering a new realm of control and convenience. Since Sharp OSA utilises industry-standard network protocols, the MX-7040N/6240N can easily integrate with document management systems, enterprise resource planning software, workflow applications, and more. The latest version of Sharp OSA can **reach beyond the firewall**, enabling extensive system construction and services over the Internet. Sharp OSA brings benefits such as reducing the costs associated with system implementation and management, as well as enabling data sharing across company branch offices or subsidiaries.

* Requires optional MX-AMX2 and/or MX-AMX3.



Document Management on the Hard Disk

Saving processed job data in designated folders on the MFD's hard disk makes it easy to instantly recall saved documents or jobs to be printed and sent at a later time. A **Quick File Folder** can be used to store up to **10,000 pages** or 1,000 files on the hard disk. Also up to **20,000 pages** or 3,000 files can be stored under customised names and locations via Advanced Filing. Storage options include **Main Folder** for workgroup sharing and **Custom Folder** for enhanced-security archiving. For added protection of sensitive data, users must enter a 5 to 8-digit password to gain access to secure folders.



Sharp OSA Network Scanner Tool

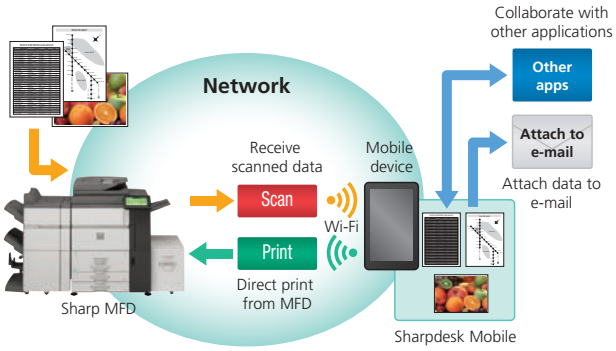
This client-based scan-to-desktop option is the ideal document management system for small workgroups or offices that don't have servers. Sharp OSA Network Scanner Tool provides centralised scan/print user profiles to give everyone in the office easy one-touch scanning to their PC from any networked MFD—without complicated settings. Scanned documents can be quickly and easily printed, filed, previewed, shared, and stored to save time and improve document workflow. Sharp OSA Network Scanner Tool automatically names PDF files based on scanned-document titles and can convert scanned documents into text with the OCR engine to create searchable PDF files.

Sharpdesk Mobile

Sharpdesk Mobile*1 is an easy-access mobile print/scan application that combines the convenience of mobile devices and the efficiency of Sharp MFDs to make conducting business on the go easier than ever. Documents scanned on the MX-7040N/6240N can be sent to a mobile device, such as an iPad, iPhone, or Android device*2, to preview and save. Documents saved on a mobile device can be printed out on the MFD, sent as e-mail attachments, or used in other applications.

*1: Available at a later date; availability varies by country/region. This application can be downloaded for free from the Apple App Store for iPad and iPhone or from Google Play for Android devices.

*2: Supported devices: iPhone 4, iPhone 4S, iPad, iPad 2, the new iPad (iOS 4.3, 5.0, and 5.1), and Android-based mobile devices running Android 2.3 (SD memory card required for some devices; screen resolution of 800 x 480 pixels or higher recommended).



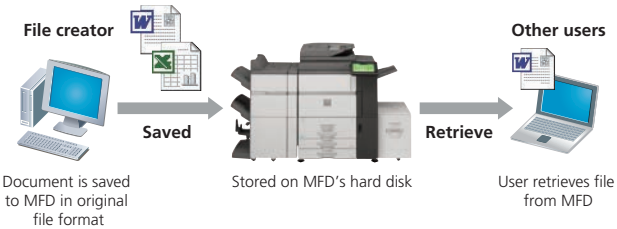
Direct Internet Access

The optional **Web Browsing Expansion Kit** gives you direct access to the Internet for easy browsing of Web sites on the 10.1-inch colour touchscreen. With such quick access to information, brochures and user manuals in PDF format as well as maps and coupons can be printed out on the spot.

Easy Sharing of Application Files

The MX-7040N/6240N's hard disk enables files created with applications such as Word and Excel® to be saved in their original file format and shared across the office network.

Note: Sharp recommends using the optional Mirroring Kit to back up data saved to the MFD's hard disk.



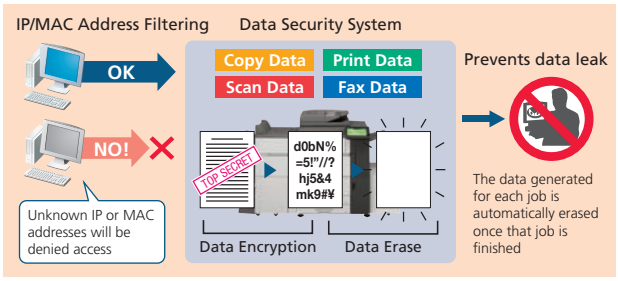
Sharpdesk Document Management Software

Sharpdesk is an original Sharp application that provides integrated desktop management of documents in over **200 file formats**, including scanned paper-based documents and those created with popular applications such as Word. With Sharpdesk, documents can be organised, edited, searched, and distributed with simple drag-and-drop operation. Features include **thumbnail** viewing, **annotation** tools for paper-free proofreading, optical character recognition, the ability to combine different types of files into a single document, and more.

MULTI-LAYERED SECURITY

Data Encryption and Overwriting

Digital copier/printers and MFDs can retain hundreds of pages of confidential information from previous jobs on their hard disks or internal memory. To safeguard such information from unauthorised access, the MX-7040N/6240N automatically **encrypts** document data stored on the hard disk and in the address book. Standard-equipped security features also provide up to seven automatic **overwrites** of data generated for each job, **password protection** of Document Filing data, and more.

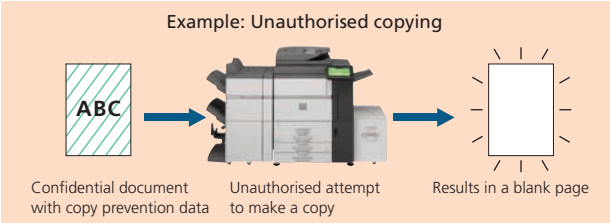


Note: Contact a Sharp customer representative for details on activating these security functions.

Document Control Function (option)

Document Control prevents unauthorised copying, scanning, faxing, and filing of confidential documents by embedding copy prevention data onto a document. When that data is detected, any unauthorised attempts to copy will be cancelled or will result in only blank-page output.

Note: Requires optional Data Security Kit. May not work for certain types of documents or paper.


Example: Unauthorised copying
ABC
Confidential document with copy prevention data
Unauthorised attempt to make a copy
Results in a blank page

User Authentication

The MX-7040N/6240N prevents unauthorised use by requiring **passwords** for machine access. This safeguarded solution can register up to 1,000 users in **three access levels** as Administrator, User, or Guest and can designate to which function user authentication applies. The MX-7040N/6240N works with an **external Active Directory server** to extend user authentication to multiple MFDs and a greater number of users.

Hidden Pattern Copy/Print

With this function, a watermark, such as "Confidential" or "Not for Copy," can be embedded onto a document. If that document is copied, the watermark will appear, alerting the user not to distribute it.

Tracking Information Print

This function prints the MFD user's name, the date, the MFD's serial number, job ID, and other specifics on printouts, making it possible to track documents and prevent data theft.

Other Key Features

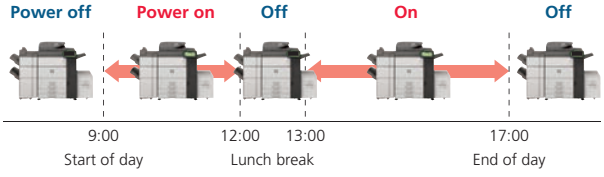
- Supports the IEEE 802.1X standard for port-based network access control and the IEEE 2600 standard for hardcopy device and system security
- IP/MAC address filtering restricts unauthorised access
- SSL and IPsec enable data encryption for secure network communications
- Retained data can be initialised when it's time to replace the MFD

ENVIRONMENT-FRIENDLY

Outstanding Energy Efficiency

To reduce power consumption, Sharp has applied its advanced technologies across all areas of this MFD, including the hardware, software, electrical system, and supplies. As a result, the MX-7040N/6240N boasts one of the lowest power consumption rates in its class.

- The MX-7040N/6240N has an **Enhanced Auto Power Shut-Off** mode. Based on usage patterns established over a four-week period, this function automatically determines the optimal length of time to let elapse before turning the power off. To accommodate intensive use of the MFD on a specific day or time, users can manually set the elapse time to suit their specific usage patterns.
- **Eco Scan** function saves energy by turning off power to the fusing system during jobs that don't require any printing, such as Image Sending and Document Filing.
- **Power ON/OFF Schedule** function automatically turns the MX-7040N/6240N on or off according to time schedules set by the administrator.



OTHER OUTSTANDING FEATURES

: Copy : Print : Scan : Fax

Versatile Paper Handling

The MX-7040N/6240N accommodates a wide range of paper sizes, from **A5R** to **SRA3**. You can do **full-bleed printing** of A3-size data onto SRA3 (450 x 320 mm) paper, without loss of image area. The MX-7040N/6240N can handle heavy paper stock up to **300 g/m²**, overhead transparencies, embossed paper, and other types of paper, further expanding the range of printing applications.

Long-Paper (Banner) Printing*

The optional **Long-Paper Feeding Tray** accommodates extra-long paper up to **1,200 mm**—expanding the range of print products to include panoramic pictures, large display-window ads, banner signs, and more.

* Contact a Sharp customer representative for details on using this function.

(Image)

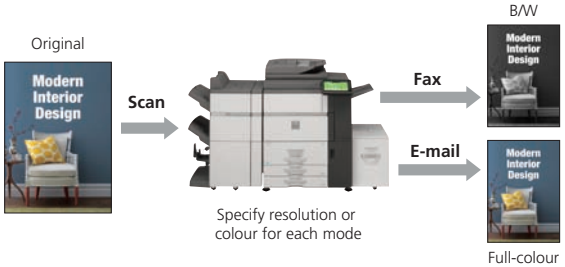
Direct Printing*1

The MX-7040N/6240N can print PDF, TIFF, JPEG, and XPS*2 files without using the printer driver. Also there's a USB port beneath its control panel, which comes in handy when printing data directly from USB memory devices—an indispensable function for users who are in a hurry or who want quick machine access without a PC.

*1: Direct printing may not support all PDF, TIFF, JPEG, and XPS formats.
*2: Direct XPS printing requires optional MX-PUX1.

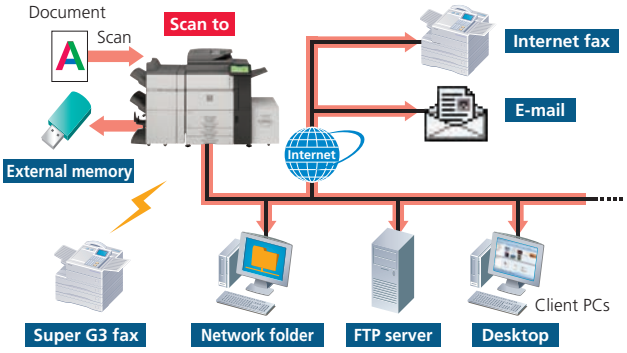
One Scan/Multi Format

This function allows you to specify image resolution or colour for each mode of broadcasting employed. For example, when sending the same image data to both a fax and an e-mail destination, you can send a B/W version via fax and a full-colour version via e-mail.



Multiple Distribution of Scanned Files

With just a few taps on the LCD touchscreen, you can choose different ways to distribute your scanned documents. **Scan to E-mail** sends documents as an e-mail attachment. **Scan to FTP Server** scans documents directly to an FTP server for storage. **Scan to Desktop** sends scanned documents directly to your PC desktop. **Scan to Network Folder (SMB)** sends files to a shared folder on a networked Windows PC. **Scan to External Memory Device** scans documents directly to USB memory devices. **Scan to Fax** enables conventional faxing or Internet faxing.



Fast, Versatile Faxing

The optional MX-FX11 Fax Expansion Kit turns the MX-7040N/6240N into a 33.6 Kbps **Super G3 fax** machine capable of remarkably high-speed transmission. The MX-7040N/6240N can also accommodate **Internet faxing**,*1 allowing faxes to be sent to and received from other T-37-compliant Internet fax machines via the Internet. Also because the MX-7040N/6240N supports **Direct SMTP**, outgoing Internet faxes do not go through your mail server, making transmission faster and cheaper. For added efficiency, the **PC-Fax/PC-Internet Fax***2 function lets you send documents created on your PC directly to a recipient's fax machine via a phone line or the Internet without printing to paper.

*1: Requires optional MX-FWX1.
*2: PC-Fax requires MX-FX11; PC-Internet Fax requires optional MX-FWX1.

Paperless Faxing with Inbound Routing

Paperless faxing with inbound routing lets you check incoming faxes via e-mail before printing them out. It can also forward incoming faxes to destinations—another fax/Internet fax machine, an FTP server, a network folder (SMB), or a PC desktop—specified for each sender.

Simplified System Settings

Machine features and settings, including address book control and document filing management, can be configured either through Web-based device management or from the control panel of the machine.

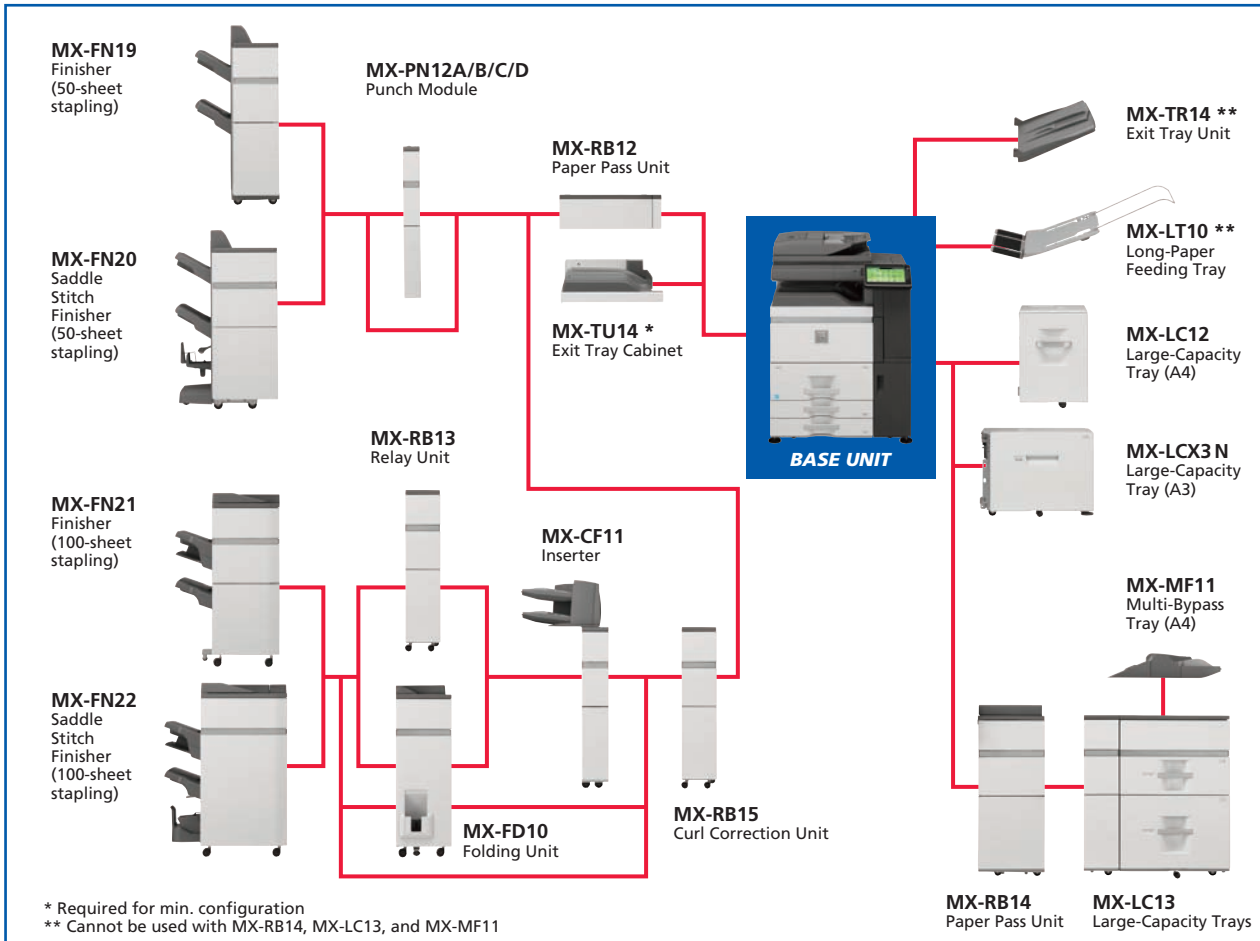
Network Utility Software

Sharp Remote Device Manager* (SRDM) gives administrators centralised remote control of their networked MFDs through a standard Web browser—making troubleshooting, device cloning, and many other network management functions easier and more accessible.

* Requires download from Sharp's Web site.

SYSTEM CONFIGURATION

Options



* Required for min. configuration
** Cannot be used with MX-RB14, MX-LC13, and MX-MF11

MX-PN13A/B/C/D
Punch Module (for MX-FN21/FN22)

MX-TM10
Trimming Module (for MX-FN22)

MX-PUX1
XPS Expansion Kit

MX-PF10
Barcode Font Kit

MX-AM10
Web Browsing Expansion Kit

AR-SU1
Stamp Unit

MX-FX11
Fax Expansion Kit

MX-FWX1
Internet Fax Expansion Kit

MX-USX1/X5
Sharpdesk 1/5-License Kit

MX-US10/50/A0
Sharpdesk
10/50/100-License Kit

MX-UN01A/05A
Sharp OSA Network
Scanner Tool 1/5-License Kit

MX-UN10A/50A
Sharp OSA Network Scanner Tool
10/50-License Kit

MX-UN1HA
Sharp OSA Network Scanner Tool
100-License Kit

MX-AMX1
Application Integration Module

MX-AMX2
Application Communication Module

MX-AMX3
External Account Module

MX-EB11
Enhanced Compression Kit

MX-EB15
Mirroring Kit

MX-KB13
Keyboard

MX-FR36U
Data Security Kit

Certain options may not be available in some areas. Design and specifications are subject to change without prior notice.

System Configuration Examples

For Stapling and Large Paper Capacity

Output Options

❶ Saddle Stitch Finisher (50-sheet stapling) **MX-FN20**
❷ Punch Module (for MX-FN19/20) **MX-PN12A**
❸ Paper Pass Unit **MX-RB12**

Paper Feed Options

❹ Large-Capacity Tray (A4) **MX-LC12**

Full Configuration for Creating Booklets

Output Options

❶ Saddle Stitch Finisher (100-sheet stapling) **MX-FN22**
② Punch Module (for MX-FN21/22) **MX-PN13A**
③ Trimming Module **MX-TM10**
❹ Folding Unit **MX-FD10**
❺ Curl Correction Unit **MX-RB15**
❻ Paper Pass Unit **MX-RB12**

Paper Feed Options

❼ Inserter **MX-CF11**
❽ Paper Pass Unit **MX-RB14**
❾ Multi-Bypass Tray (A4) **MX-MF11**
❿ Large-Capacity Trays **MX-LC13**

Other Option

⑪ Keyboard **MX-KB13**

SPECIFICATIONS

General

Type	Console
Engine speed (colour & B/W)	Max. 70/62 cpm/ppm (A4, long-edge feeding)
Paper size	Max. SRA3/A3 wide min. A5R
Paper capacity (80 g/m²)	Standard: 3,100 sheets (1200-, 800-, 2x500-sheet trays and 100-sheet multi-bypass tray) Maximum: 8,500 sheets
Paper weight	Trays 1&2: 60 g/m² to 105 g/m² Trays 3&4: 60 g/m² to 220 g/m² Multi-bypass tray: 55 g/m² to 300 g/m²
Warm-up time[*1]	55 sec.
Memory	Copy/print (shared): 5GB 1TB HDD[*2]
Power requirements	230 to 240V AC, 50/60 Hz
Power consumption (max.)	3.84 kW
Dimensions (W x D x H)	845 x 844 x 1,222 mm
Weight (approx.)	222 kg
Features	Job build, document filing, user authentication (1,000 accounts), toner save mode, pre-heat/auto power shut-off modes, advanced preview, etc.

Copier

Original paper size	Max. A3
First copy time[*3]	[MX-7040N] Full colour: 5.1 sec. B/W: 3.7 sec. [MX-6240N] Full colour: 5.6 sec. B/W: 4.0 sec.
Continuous copy	Max. 9,999 copies
Resolution	Scan (colour): 600 x 600 dpi Scan (B/W): 600 x 600 dpi, 600 x 400 dpi Print: 600 x 600 dpi, 9,600 (equivalent) x 600 dpi (depending on print mode)
Gradation	Equivalent to 256 levels
Zoom range	25 to 400% (25 to 200% using DSPF) in 1% increments
Preset copy ratios	10 ratios (5R/5E)
Features	Auto paper selection (mixed/random size feeding), auto magnification selection, paper type selection, auto tray switching, rotation copy, electronic sorting, network tandem copy, book copy, margin shift, dual page copy, multi-shot (8/4/2-in-1), cover/transparency/tab page insertion, pamphlet copy, 2-sided copy orientation change, XY zoom, B/W reverse, mirror image, duplex copy, job reservation, job programme, repeat layout, irregular original/paper size input, stamps (watermark, date, page number, text, stamp), multi-page enlargement, tab copy, centering, proof copy, auto colour mode, auto colour selection, auto calibration, sharpness, card shot, original count, edge/centre/side erase, user stamps, blank page skip, position image, book divide, hidden pattern print, tracking information print, etc.

Network Scanner

Scan method	Push scan (via control panel), pull scan (TWAIN-compliant application)
Resolution	Push scan: 100, 150, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 to 9,600 dpi via user setting
File formats	TIFF, PDF, encrypted PDF, JPEG, XPS[*4], compact PDF[*5], PDF/A
Scanner utility	Sharpdesk
Scan destinations	Scan to e-mail/desktop/FTP server/network folder (SMB)/USB memory
Features	Internet fax[*6] (supports direct SMTP), PC-Internet fax transmission[*6], auto colour mode, mixed size original scanning, LDAP support, direct entry (address, subject, message), 2,000 one-touch dials, 500 group dials, 48 job programmes, broadcasting, long original scanning (max. 1,000 mm)[*7], auto colour selection, card shot, original count, edge/centre/side erase, drop-out colour, book divide, one scan/multi format, blank page skip, etc.

Document Filing

Document filing capacity	Main and custom folders: 35,000 pages[*8] or 5,000 files Quick file folder: 10,000 pages[*8] or 1,000 files
Stored jobs	Copy, print, scan, fax
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection (for main and custom folders)

Network Printer

Resolution	1,200 x 1,200 dpi, 600 x 600 dpi, 9,600 (equivalent) x 600 dpi
Interface	USB 2.0, 10Base-T/100Base-TX/1000Base-T
Supported OS	Windows Server® 2003/2008, Windows® XP, Windows Vista®, Windows® 7, Mac OS X 10.4.11, 10.5 to 10.5.8, 10.6 to 10.6.8, 10.7 to 10.7.4
Network protocols	TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), EtherTalk (AppleTalk)
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, Novell Printserver application with NDS and Bindery, FTP for downloading print files, EtherTalk printing, IPP
PDL	Standard: PCL 6 emulation, Adobe® PostScript® 3™ Option[*9]: XPS
Available fonts	80 fonts for PCL, 136 fonts for Adobe® PostScript® 3™
Features[*10] [*11]	Network tandem print, RIP Once/Print Many, job retention (proof print, confidential print), direct PDF/TIFF/JPEG/XPS printing, carbon copy print, duplex print, font/form download, offset output, pamphlet style, IP/MAC address filtering, port/protocol management, binding edge, N-up (2/4/6/8/9/16), paper/output tray selection, cover/transparency insertion, fit to page, watermarks, form overlay, auto configuration, barcode font compatibility, tab print, poster print, margin shift, secure network communications (SSL and IPsec [LPD]), tracking information print, hidden pattern print, etc.

B/W Facsimile (optional MX-FX11 required)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds[*12]
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	From Standard (203.2 x 97.8 dpi) to Ultra Fine (406.4 x 391 dpi)
Recording width	A3 to A5
Memory	1GB (built-in)
Grey scale levels	Equivalent to 256 levels
Features	Duplex transmission/reception, quick on-line transmission, error correction mode, 2,000 one-touch dials, 500 group dials, LDAP support, 48 job programmes, broadcasting number registration, F-Code compatibility (confidential, relay broadcast), polling, memory transmission/reception, auto reduction (transmission/reception), rotation transmission/reception, print actual size, 2-in-1 transmission, long original transmission (max. 1,000 mm), PC-Fax transmission, timer transmission, inbound routing to e-mail/FTP server/network folder (SMB)/PC desktop/fax/Internet fax, activity report, anti-junk fax, dual page scan, mixed size original scanning, card shot, edge/side erase, original count, etc.

*1: At rated voltage, 23°C. May vary depending on operating conditions and environment. *2: HDD capacity depends on procurement and sourcing status. *3: Long-edge feeding of A4 sheets from 2nd paper tray, using document glass, without Auto Colour Selection and Auto Colour mode, MFD in fully ready condition. May vary depending on operating conditions and environment. *4: To view XPS files on PCs not running Windows Vista, you must have the XPS Viewer application installed. *5: Optional MX-EB11 required. *6: Optional MX-FWX1 required. *7: B/W documents only, scanned at under 400-dpi resolution. *8: Measured using Sharp's standard chart (A4 with 6% coverage, B/W). The storage capacity will be less for colour pages. *9: Optional MX-PUX1 required. *10: Some features require option(s). *11: Some features are not available according to the printer driver used. *12: Based on Sharp's standard chart with approx. 700 characters (A4 long-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

- Design and specifications are subject to change without prior notice.
- Colour variations to products may occur due to printing.
- Some features require Optional items. Please consult with an authorised Sharp Reseller for details.
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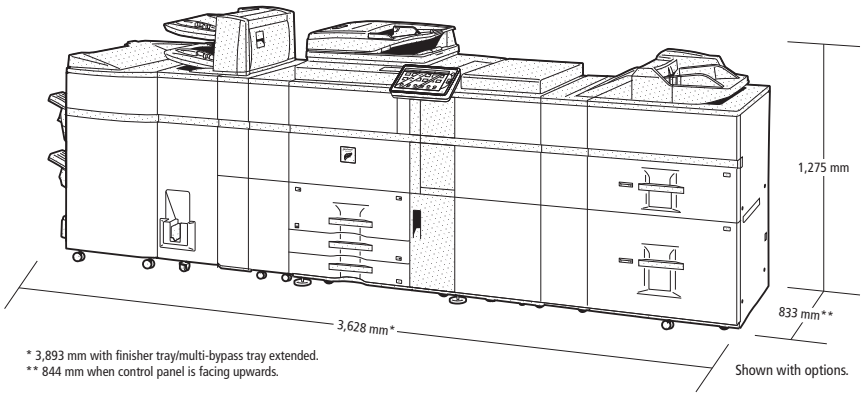

* 3,893 mm with finisher tray/multi-bypass tray extended.
** 844 mm when control panel is facing upwards.

Shown with options.

SHARP

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